

TABLE OF CONTENTS

FROM THE EDITOR

Low bone density is not always bisphosphonate deficiency **683**

Low bone density is not a one-size-fits-all disorder. We need to carefully consider the diagnostic and therapeutic options before assuming that low bone density is osteoporosis.

B.F. MANDELL

EDITORIAL

Treating the renal patient who has a fracture: Opinion vs evidence **684**

The patient with chronic renal disease who has a fracture remains a unique management challenge. Opinions on treatment abound, but without adequate evidence to back them up.

M. COCO

1-MINUTE CONSULT



Is an ACE inhibitor plus an ARB more effective than either drug alone? **693**

No. Dual renin-angiotensin system blockade has never been shown to reduce the rates of morbidity or death from any cause.

F.H. MESSERLI AND M. YUZEFPOLSKAYA

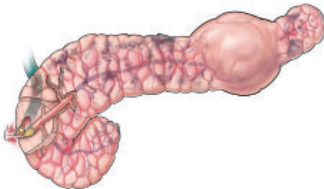
REVIEW



Acute pancreatitis: Problems in adherence to guidelines **697**

Evidence-based guidelines on managing acute pancreatitis are available, but many physicians are not following them.

T. STEVENS, M.A. PARSİ, AND R.M. WALSH



CONTINUED ON PAGE 680

CLEVELAND CLINIC JOURNAL OF MEDICINE

EDITORIAL STAFF

BRIAN F. MANDELL, MD, PhD *Editor-in-Chief*
TIMOTHY GILLIGAN, MD, MS *Deputy Editor*
PHILLIP E. CANUTO *Executive Editor*
RAY BORAZANIAN *Managing Editor*
DAVID A. HUDDLESTON *Manuscript Editor*
JOSEPH A. PANGRACE *Medical Art Director*
AMY SLUGG MOORE *Patient Education Editor*

PUBLISHING OPERATIONS

PETER G. STUDER *Executive Publisher*
KRISTI THOMSEN *Exec. Editor, Special Assignments*
BRUCE M. MARICH *Production Manager*
IRIS TRIVILINO *Department Coordinator*
LAURIE WEISS *Accountant (Billing)*

CUSTOM PROGRAMS

GLENN R. CAMPBELL *Executive Editor*
KATHY DUNASKY *Production Manager*

ASSOCIATE EDITORS

ALEJANDRO C. ARROLIGA, MD
ARMAN T. ASKARI, MD
DANIEL J. BROTMAN, MD
WILLIAM D. CAREY, MD
JERIMIAH P. DEPTA, MD
RUTH M. FARRELL, MD, MA
GARY FRANCIS, MD
KATHLEEN FRANCO-BRONSON, MD
STEVEN M. GORDON, MD
BRIAN GRIFFIN, MD
AMIR JAFFER, MD
MANDY C. LEONARD, PharmD
ANGELO A. LICATA, MD, PhD
ATUL C. MEHTA, MD
FRANKLIN A. MICHOTA, MD
CHRISTIAN NASR, MD
ROBERT M. PALMER, MD
JOSHUA D. PENFIELD, MD
DAVID D. K. ROLSTON, MD
BERNARD J. SILVER, MD
TYLER STEVENS, MD

THEODORE SUH, MD, PhD, MHSc
ALEXANDRA VILLA-FORTE, MD, MPH
DONALD G. VIDT, MD
WILLIAM S. WILKE, MD
MARC WILLIAMS, MD

EDITORS EMERITI

JOHN D. CLOUGH, MD
HERBERT P. WIEDEMANN, MD
JAMES S. TAYLOR, MD

CLEVELAND CLINIC

DELOS M. COSGROVE, MD
President and Chief Executive Officer

CLEVELAND CLINIC

EDUCATION INSTITUTE
JAMES K. STOLLER, MD, MS
Chairman

PHILLIP R. GARD
Administrator

REPRINTS: Hope Robinson, Sheridan Content Services
800-635-7181 ext. 8065; E-mail hrobinson@tsp.sheridan.com

Cleveland Clinic Journal of Medicine [ISSN 0891-1150 (print), ISSN 1939-2869 (online)] is published monthly by Cleveland Clinic from editorial offices at 9500 Euclid Avenue, NA32, Cleveland, OH 44195-0001. POSTMASTER: Send address changes to the *Cleveland Clinic Journal of Medicine*, 9500 Euclid Avenue, NA32, Cleveland, OH 44195-0001.

STATEMENTS AND OPINIONS expressed in the *Cleveland Clinic Journal of Medicine* are those of the authors and not necessarily of Cleveland Clinic or its Board of Trustees.

SUBSCRIPTION RATES: U.S. and possessions: personal \$115; institutional \$143; single copy/back issue \$20. Foreign: \$160; single copy/back issue \$20. Institutional (multiple-reader rate) applies to libraries, schools, hospitals, and federal, commercial, and private institutions and organizations. Individual subscriptions must be in the names of, billed to, and paid by individuals.

SUBSCRIPTIONS, EDITORIAL, BILLING/ACCOUNTING, AND PRODUCTION: (same address as above) • Phone (216) 444-2661 • Fax (216) 444-9385
• E-mail ccjm@ccf.org • Web site www.ccjm.org

ADVERTISING: Joseph Dennehy, Director, Sales and Marketing, 120 Castle Ridge Rd, Manhasset, NY 11030 • Phone (516) 365-8640 • Fax (516) 365-0587
• E-mail joedennehy@verizon.net

AUTHORIZATION TO PHOTOCOPY items for internal or personal use is granted by the *Cleveland Clinic Journal of Medicine* [ISSN 0891-1150 (print), ISSN 1939-2869 (online)], published by Cleveland Clinic, provided that the appropriate fee is paid directly to Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923 USA 978-750-8400. Prior to photocopying items for educational classroom use, please contact Copyright Clearance Center, Inc., at the address above. For permission to reprint material, please fax your request with complete information to the Republication department at CCC, fax (978) 750-4470. For further information visit CCC online at www.copyright.com. To order bulk reprints, see above.

DISCLAIMER: The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition. The viewpoints expressed in this CME activity are those of the authors. They do not represent an endorsement by The Cleveland Clinic Foundation. In no event will The Cleveland Clinic Foundation be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

COPYRIGHT © 2009 THE CLEVELAND CLINIC FOUNDATION. ALL RIGHTS RESERVED. PRINTED IN U.S.A.



CONTINUED FROM PAGE 676

CME CREDIT CURRENT DRUG THERAPY 707

Prasugrel for acute coronary syndromes: Faster, more potent, but higher bleeding risk

Prasugrel (Effient) is faster and more consistent in its effects, but patients at high bleeding risk should still receive clopidogrel (Plavix).

L.D. LAZAR AND A.M. LINCOFF

REVIEW 715

Fragility fractures in chronic kidney disease: An opinion-based approach

When a patient with chronic kidney disease suffers a fragility fracture, a key question is whether the patient has osteoporosis or, instead, renal osteodystrophy. Bone densitometry does not help in this distinction.

P.D. MILLER

CME CREDIT REVIEW 724

An algorithm for managing warfarin resistance

Some patients need higher-than-expected doses of warfarin to reach their target INR. The cause can be acquired (poor compliance, drug interactions) or hereditary.

O. OSINBOWALE, M. AL MALKI, A. SCHADE, AND J.R. BARTHOLOMEW

DEPARTMENTS 689

CME calendar 689

Index to volume 76 731

About our CME self-test online 735

To receive CME credit, read the selected articles in this issue and then go online to take the test. It should take about 1 hour and 30 minutes to complete this activity. Release date: December 1, 2009. Expiration date: November 30, 2010

SIGN UP FOR e-TOC ALERTS

To sign up for free e-mail Table of Contents alerts, go to *Cleveland Clinic Journal of Medicine's* home page (www.ccm.org) and click on "ALERTS."

UPCOMING FEATURES

- Preventing toxicity from acetaminophen
- VTE prophylaxis in long-term care residents
- Treating silent GERD does not improve asthma symptoms
- Treating, preventing acute upper GI bleeding
- The spectrum of myelodysplastic syndromes
- Lessening the health risks of travel
- Food allergy and eosinophilic esophagitis: Learning what to avoid
- Toward more-selective use of angioplasty and stents for renal artery stenosis

